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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for generating an x-ray beam, said method comprising the steps of:

operating a cathode to generate an electron beam;

directing the electron beam from the cathode through a selectable shaped aperture in an accelerating electrode, wherein the accelerating electrode is positioned in a central recess of an anode surface; and

impinging the electron beam at an acute angle on an the anode surface to form a focal spot on the anode surface.

- 2. (previously presented) The method of claim 1, wherein the acute angle is at most about twenty degrees.
- 3. (original)The method of claim 1 further comprising forming the focal spot on an outer periphery of the anode surface.
  - 4. (Canceled)
  - 5. (currently amended) An x-ray source comprising:

a cathode for generating an electron beam;

an accelerating electrode <u>positioned in a central recess of an anode</u> <u>surface, the accelerating electrode comprising a selectable shaped aperture through</u> which the electron beam from said cathode passes; and

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an anode positioned so that the electron beam impinges thereon at an acute angle.

- 6. (previously presented)The x-ray source of claim 5, wherein the acute angle is at most about twenty degrees.
- 7. (currently amended) The x-ray source of claim 5, wherein the anode comprises a disk shape, the disk shape being defined by an outer periphery, an inner periphery and [a] the central recess.
- 8. (currently amended) An imaging system comprising a gantry, a detector and an x-ray source coupled to said gantry, said x-ray source configured for radiating an x-ray beam along an imaging plane toward said detector, said x-ray source comprising a cathode for generating an electron beam, an accelerating electrode positioned in a central recess of an anode surface, the accelerating electrode comprising a selectable shaped aperture through which the electron beam from said cathode passes, and an anode positioned so that the electron beam impinges thereon at a acute angle.
- 9. (previously presented) The imaging system of claim 8, wherein the acute angle is at most about twenty degrees.
- 10. (currently amended) The imaging system of claim 8, wherein the anode comprises a disk shape, the disk shape being defined by an outer periphery, an inner periphery and [a] the central recess.
  - 11. (currently amended) An x-ray source comprising:

means for generating an electron beam,

means for accelerating electrons in said electron beam away from said generating means, wherein the means for accelerating electrons is located in a central recess of an anode surface, and

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means for generating x-ray beams when said electron beam impinge thereon at an acute\_angle.

12. (previously presented)The x-ray source of claim 11, wherein the acute angle is at most about twenty degrees.